



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

## \*BIBDATASHEET\*

Bib Data Sheet

CONFIRMATION NO. 3252

SERIAL NUMBER 10/715,092	FILING DATE 11/17/2003  RULE	CLASS 323	GROUP ART UNIT 2838	ATTORNEY DOCKET NO. STL11578
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------

## APPLICANTS

Hakam D. Hussein, Eagan, MN;

Wendong Zhang, Eden Prairie, MN;

## \*\* CONTINUING DATA \*\*\*\*\*

This appln claims benefit of 60/483,052 06/27/2003 *OK*

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

*None*

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 02/12/2004

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged Examiner's Signature <i>[Signature]</i> Initials	MN	12	26	3

## ADDRESS

Seagate Technology LLC  
1280 Disc Drive  
Shakopee , MN  
55379

## TITLE

Current mode bang-bang controller in a switching voltage regulator

FILING FEE  RECEIVED 878	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	-------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------